07/26/2001 09:56 NO.657 002

1' T 'PJM X3309 5-6-02

COPY

dated 3/30/04 5-2-07 5/5-208 5/5-228

UKiah

DF-6 Copy

REQUIRED FORM FEE $ ... FILE ORIGINAL & ONE COPY TYPE OR PRINT IN BLACK INK (For explanation of entries required, see booklet "How to file an Application to Appropriate Water in California")

State of California
State Water Resources Control Board
DIVISION OF WATER RIGHTS
P.O. Box 2000, Sacramento, CA 95812-2000
Info: (916) 341-5300, FAX: (916) 341-5400, Web: http://www.waterrights.ca.gov

REVISED

APPLICATION TO APPROPRIATE WATER ~~X3309~~

APPLICATION No. 31554
(Leave Blank)

1. APPLICANT

ROGINA WATER Co. INC. (Name of applicant) (707) 462-4056. (Telephone - between 8 a.m. and 5 p.m.)

P.O. BOX 310 (Mailing address) TALMAGE (City or town) CALIF. (State) 95481. (Zip code)

2. SOURCE

a. The name of the source at the point of diversion is ~~RUSSIAN RIVER UNDERFLOW + GROUNDWATER~~ Russian River and Underflow of the Russian River (If unnamed, state that it is an unnamed stream, spring, etc.)

tributary to Pacific Ocean

b. In a normal year does the stream dry up at any point downstream from your project? YES ☐ NO ☒
If yes, during what months is it usually dry? From ______ to ______
What alternate sources are available to your project should a portion of your requested direct diversion season be excluded because of a dry stream or nonavailability of water? NONE

3. POINTS of DIVERSION and REDIVERSION

a. The point(s) of diversion will be in the County of MENDOCINO.
and within Assessor's Parcel Number (APN #) 181-010-01

b.

List all points giving coordinate distances from section corner or other tie as allowed by SWRCB regulations i.e. California Coordinate System	Point is within (40-acre subdivision)	Section	Township	Range	Base and Meridian
S 1700' AND W 1600' FROM	SE ¼ of NE ¼	21	15N	12	WEST
NE CORNER SECTION 21	¼ of ¼				
(See Attachment "A" + Map)	¼ of ¼				

well 1 wells 1-6 see fax 3-8-07

MCS 7/29/04

c. Does applicant own the land at the point of diversion? YES ☒ NO ☐

d. If applicant does not own the land at point of diversion, state name and address of owner and what steps have been taken to obtain right of access: ______

Jurg name based on 3/25/04 letter MCS 7/29/04

"The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our Web-site at http://www.swrcb.ca.gov".
Additional copies of this form and water right information can be obtained at www.waterrights.ca.gov.

3-6-04

4. PURPOSE of USE, AMOUNT and SEASON

a. In the table below, state the purpose(s) for which water is to be appropriated, the quantities of water for each purpose, and the dates between which diversions will be made. Use gallons per day if rate is less than 0.025 cubic foot per second (approximately 16,000 gallons per day).

PURPOSE OF USE (Irrigation, Domestic, etc.)	DIRECT DIVERSION				STORAGE		
	QUANTITY		SEASON OF DIVERSION * SEE NOTE		AMOUNT	COLLECTION SEASON	
	RATE (Cubic feet per second or gallons per day)	AMOUNT (Acre-feet per year)	Beginning Date (Mo. & Day)	Ending Date (Mo. & Day)	Acre-feet per annum	Beginning Date (Mo. & Day)	Ending Date (Mo. & Day)
MUNICIPAL AND IRRIGATION	2.0	~~678~~ 665	~~1-1~~ 11/1	~~12-31~~ 6/30			
		665					

DAE 11-15-04 letter

MCS 7/29/04 Per 8/25/04 letter

* NOTE THE PRE 49 USE WOULD BE FOR ALL YEAR, THAT POST 49 USE IS LIMITED TO JULY 1 TO OCTOBER 1

b. Total combined amount taken by direct diversion and storage during any one year will be ~~3500~~ 665 acre-feet.

Garfield Wagner 3/30/04

5. JUSTIFICATION of AMOUNT

a. IRRIGATION: Maximum area to be irrigated in any one year is ~~250~~ 1700* acres.

1-4-07 letter

THIS AMOUNT IS INCLUDED IN ABOVE FIGURES -

CROP	ACRES	METHOD OF IRRIGATION (Sprinklers, flooding, etc.)	ACRE-FEET PER YEAR	NORMAL SEASON Beginning Date	NORMAL SEASON Ending Date
GRAPES	~~250~~ 1700	DRIP	32	4-1	10-31

* Total # Irrigated Acreage under A31353 A31354 shall not exceed 1700 acres

b. DOMESTIC: Number of residences to be served is 975. Separately owned? YES [X] NO [ ]

Total number of people to be served is 3500. Estimated daily use per person is 66 PER HOUSE HOLD (Gallons per day)

Total area of domestic lawns and gardens is _____ square feet.

Incidental domestic uses are _____
(Dust control area, number and kind of domestic animals, etc.)

c. STOCKWATERING: Kind of stock _____ Maximum number _____

Describe type of operation: _____
(Feed lot, dairy, range, etc.)

d: RECREATIONAL: Type of recreation: Fishing [ ] Swimming [ ] Boating [ ] Other [ ]

e. MUNICIPAL: (Estimated projected use)

POPULATION 5-Year periods until use is completed		MAXIMUM MONTH WHOLE SYSTEM		ANNUAL USE		
PERIOD	POP.	Average daily use (gal. per capita)	Rate of diversion (cfs)	Average daily use (gal. per capita)	Acre-foot (per capita)	Total acre feet
2001 Present	3500	1189	1.96	602	.71	678
2000	3500	1125	1.66	574	.64	611
1999	3475	1096	1.61	559	.63	595
1998	3450	1101	1.62	490	.55	~~522~~ ~~1700~~ 665*
2020	1450 homes					

DAE 11-15-04 letter

Annual Amount reduced by about 33% due to IAS limitation (242 day season)

Month of maximum use during year is AUGUST. Month of minimum use during year is FEBRUARY

f. HEAT CONTROL: The total area to be heat protected is _____ net acres.
Type of crop protected is _____
Rate at which water is applied to use is _____ gpm per acre.
The heat protection season will begin about _____ (Date) and end about _____ (Date).

g. FROST PROTECTION: The total area to be frost protected is _____ net acres.
Type of crop protected is _____
Rate at which water is applied to use is _____ gpm per acre.
The frost protection season will begin about _____ (Date) and end about _____ (Date).

h. INDUSTRIAL: Type of industry is _____
Basis for determination of amount of water needed is _____

i. MINING: The name of the claim is _____. Patented ☐ Unpatented ☐
The nature of the mine is _____. Mineral to be mined is _____
Type of milling or processing is _____
After use, the water will be discharged into _____ (Name of stream)
in _____ ¼ of _____ ¼ of Section _____, T _____, R _____, _____ B. & M.
(40-acre subdivision)

j. POWER: The total fall to be utilized is ____ feet. The maximum amount of water to be used through the penstock is _____ cubic feet per second. The maximum theoretical horsepower capable of being generated by the works is _____. Electrical capacity is _____ kilowatts at _____% efficiency.
(Cubic feet per second x fall ÷ 8.8) (Ap x 0.746 + efficiency)
After use, the water will be discharged into _____ (Name of stream)
in _____ ¼ of _____ ¼ of Section _____, T _____, R _____, _____ B. & M. FERC No._____
(40-acre subdivision)

k. FISH AND WILDLIFE PRESERVATION AND/OR ENHANCEMENT: YES ☐ NO ☐ If yes, list specific and habitat type that will be preserved or enhanced in item 10 of Environmental Information form APP-ENV.

l. OTHER: Describe use: _____. Basis for determination of amount of water needed is _____

6. PLACE OF USE

a. Does applicant own the land where the water will be used? YES ☐ NO ☒ Is land in joint ownership? YES ☐ NO ☐
(All joint owners should include their names as applicants and sign the application.)
If applicant does not own land where the water will be used, give name and address of owner, and state what arrangements have been made with the owner. LAND WHERE WATER WILL BE USED IS A FRANCHISE AREA GRANTED BY THE CALIFORNIA PUBLIC UTILITIES COMMISSION - SEE ATTACHED MAP

b. USE IS WITHIN (40-ACRE SUBDIVISION)	SECTION	TOWNSHIP	RANGE	BASE & MERIDIAN	IF IRRIGATED	
					Number of acres	Presently cultivated (Y/N)
¼ of ¼						
¼ of ¼						
¼ of ¼						
¼ of ¼						
¼ of ¼						

(If area is unsurveyed, state the location as if lines of the public land survey were projected, or contact the Division of Water Rights. If space does not permit listing all 40-acre tracts, include on another sheet or state sections, townships and ranges, and show detail on map.)

7. DIVERSION WORKS

a. Diversion will be by gravity by means of WELL FIELD
(Dam, pipe in unobstructed channel, pipe through dam, siphon, weir, gate, etc.)

b. Diversion will be by pumping from DEEP WELLS Pump discharge rate 2.68 CFS Horsepower 150
(Depth of the well 125') (Sump, offset well, channel, reservoir, etc.) (cfs or gpd)

c. Conduit from diversion point to first lateral or to offstream storage reservoir:

CONDUIT (Pipe or channel)	MATERIAL (Type of pipe or channel lining) (Indicate if pipe is buried or not)	CROSS SECTIONAL DIMENSION (Pipe diameter or ditch depth and top and bottom width)	LENGTH (Feet)	TOTAL LIFT OR FALL		CAPACITY (Estimate)
				Feet	+ or -	
STEEL PIPE	BURIED +-	8"	1300'	370'		200GPM.

d. Storage reservoirs: (For underground storage, complete Supplement 1 to APP, available upon request.)

Name or number of reservoir, if an	DAM				RESERVOIR		
	Vertical height from downstream toe of slope to spillway level (ft.)	Construction material	Dam length (ft.)	Freeboard Dam height above spillway crest (ft.)	Approximate surface area when full (acres)	Approximate capacity (acre-feet)	Maximum water depth (ft.)
						1.41	24'

e. Outlet pipe: (For storage reservoirs having a capacity of 10 acre-feet or more.)

Diameter of outlet pipe (inches)	Length of Outlet pipe (feet)	FALL (Vertical distance between entrance and exit of outlet pipe in feet)	HEAD (Vertical distance from spillway to outlet pipe in reservoir in feet)	Estimated storage below outlet pipe entrance (dead storage)

f. If water will be stored and the reservoir is not at the point of diversion, the maximum rate of diversion to offstream storage will be _____ cfs. Diversion to offstream storage will be made by: ☐ Pumping ☐ Gravity

8. COMPLETION SCHEDULE

a. Year work will start _____ b. Year work will be completed _____
c. Year water will be used to the full extent intended _____ d. If completed, year of first use _____

9. GENERAL

a. Name of the post office most used by those living near the proposed point of diversion is
TALMAGE
Does any part of the place of use comprise a subdivision on file with the Department of Real Estate? YES ☐ NO ☐
If yes, state name of the subdivision _____
If no, is subdivision of these lands contemplated? YES ☐ NO ☐
Is it planned to individually meter each service connection? YES ☐ NO ☐ If yes, when? _____

b. List the names and addresses of diverters of water from the source of supply downstream from the proposed point of diversion: HILDRETH, NORGARD, PARNUM

c. Is the source used for navigation, including use by pleasure boats, for a significant part of each year at the point of diversion, or does the source substantially contribute to a waterway which is used for navigation, including use by pleasure boats? YES ☐ NO ☒ If yes, explain _____

5-6-02

10. EXISTING WATER RIGHT

Do you claim an existing right for the use of all or part of the water sought by this application? YES ☒ NO ☒
If yes, complete table below:

Nature of Right (riparian, appropriative, groundwater)	Year of First Use	Purpose of use made in recent years including amount, if known	Season of Use	Source	Location of Point of Diversion
PRE-49	1947	MUNICIPAL WATER.	ALL YEAR.	DEEP WELLS.	ON MAP.

11. AUTHORIZED AGENT (Optional)

With respect to ☐ all matters concerning this water right application ☐ those matters designated as follows:

.03 Thomas F. Johnson, Attorney at Law (707) 462-1907
(Name of agent) (Telephone number of agent between 8 a.m. and 5 p.m.)

525 South main Street, Suite B Ukiah CA 95482
(Mailing address) (City or town) (State) (Zip code)

is authorized to act on my behalf as my agent.

12. SIGNATURE OF APPLICANT

I (we) declare under penalty of perjury that the above is true and correct to the best of my (our) knowledge and belief.

Dated 5-6-02 2002 at TAHOE, California

Ms. (Mr.)
Miss. Mrs. _____
(Signature of applicant)

(If there is more than one owner of the project, please indicate their relationship.)

Ms. Mr.
Miss. Mrs. _____
(Signature of applicant)

Additional information needed for preparation of this application may be found in the Instruction Booklet entitled "HOW TO FILE AN APPLICATION TO APPROPRIATE WATER IN CALIFORNIA". If there is insufficient space for answers in this form, attach extra sheets. Please cross-reference all remarks to the numbered item of the application to which they may refer. Send original application and one copy to the STATE WATER RESOURCES CONTROL BOARD, DIVISION OF WATER RIGHTS, P.O. Box 2000, Sacramento, CA 95812-2000, with $100 minimum filing fee.

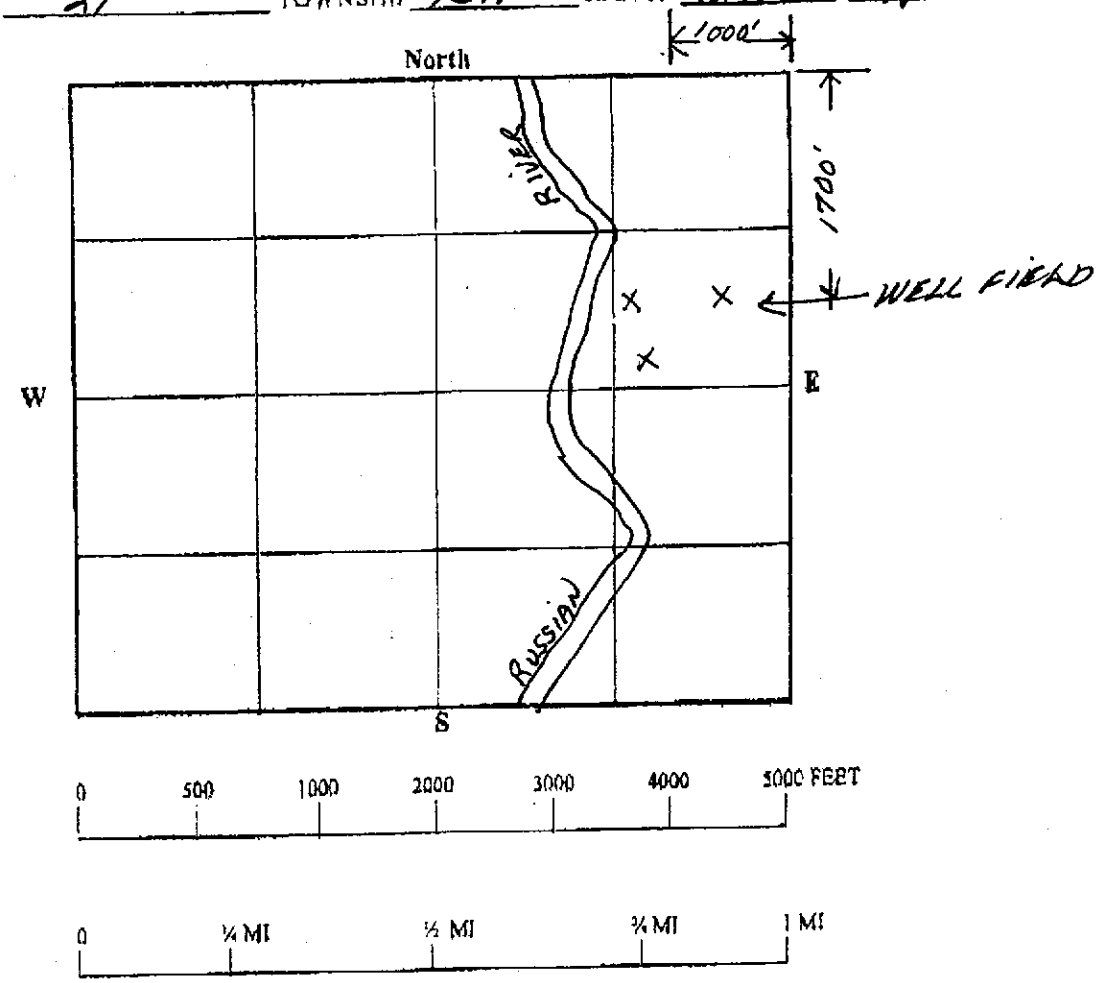
NOTE:
If this application is approved for a permit, a minimum permit fee of $100 will be required before the permit is issued.

5-6-02

13. MAP

(Please complete legibly, with as much detail as possible, or attach a suitable alternative. See example in instruction booklet.)

SECTION(S) 21 TOWNSHIP 15N RANGE 12W, 4 B. & M.



(1) Show location of the stream or spring, and give name.
(2) Locate and describe the point of diversion (i.e. the point at which water is to be taken from the stream or spring) in the following way: Begin at the most convenient known corner of the public land survey, such as a section or quarter section corner (if on unsurveyed land more than two miles from a section corner, begin at a mark or some natural object or permanent monument that can be readily found and recognized) and measure directly north or south until opposite the point which it is desired to locate; then measure directly east or west to the desired point. Show these distances in figures on the map as shown in the instructions.
(3) Show location of the main ditch or pipeline from the point of diversion.
(4) Indicate clearly the proposed place of use of the water.

14. SUPPLEMENTAL INFORMATION

a. If you are applying for a permit, Environmental Information form APP-ENV should be completed and attached to this form.
b. If you are applying for underground storage, supplemental to APP (available upon request) should be completed and attached to this form.

"Attachment A"

Well #	GPS Location	GPM-
1	N39° 08.893' W123° 10.796'	100
2	N39° 08.875' W-123° 10.802'	550
3	N39° 08.896' W123° 10.811'	Not in use
4	N39° 08.891' W123° 10.827'	350
5	N39° 08.843' W123° 10.842'	150
6	N39° 08.883' W123° 10.858'	80
River Pump	W123° 10.866'	500

NOTE: Well #1,5,6, are discharged into well 2 & 4. A total of 900 to 1000 GPM are pumped into water system.

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER RIGHTS
901 P Street, Sacramento
P. O. Box 2000, Sacramento, CA 95812-2000

APPLICATION TO APPROPRIATE WATER BY PERMIT
ENVIRONMENTAL INFORMATION

(THIS IS NOT A CEQA DOCUMENT)

APPLICATION NO._____
(leave blank)

The following information will aid in the environmental review of your application as required by the California Environmental Quality Act (CEQA). IN ORDER FOR YOUR APPLICATION TO BE ACCEPTED AS COMPLETE, ANSWERS TO THE QUESTIONS LISTED BELOW MUST BE COMPLETED TO THE BEST OF YOUR ABILITY. Failure to answer all questions may result in your application being returned to you, causing delays in processing. If you need more space, attach additional sheets. Additional information may be required from you to amplify further or clarify the information requested in this form.

PROJECT DESCRIPTION

1. Provide a description of your project, including but not limited to type of construction activity, structures existing or to be built, area to be graded or excavated and project operation, including how the water will be used.

THE PROJECT CONSISTS OF PLACING A 10 H.P. PUMP ON THE RIVER BANK WITH A SUCTION INTO THE RIVER. THE SUCTION HAS THE PROPER FISH SCREEN WITH 3/32 HOLES. NO STRUCTURES ARE BUILT. EXCAVATION CONSISTS OF LEVELING A SMALL SPOT WITH A SHOVEL. WATER WILL BE USED TO IRRIGATE 15 ACRES AND GROUNDWATER RECHARGE FOR WELLS ON PROPERTY. WATER DRAWN FROM THIS LOCATION AMOUNTS TO 90 TO 375 A.F.

NOTE: WATER CONSUMPTION FOR THE ENTIRE WATER SYSTEM IS ATTACHED ALONG WITH FUTURE ESTIMATES.

public agency, will be preparing the environmental document for your project:

DEPARTMENT OF FISH AND GAME

Note: When completed, please submit a copy of the final environmental document (including notice of determination) or notice of exemption to the State Water Resources Control Board. Processing of your water right application cannot proceed until such documents are submitted.

5. Will your project, during construction or operation, generate waste or wastewater containing such things as sewage, industrial chemicals, metals, or agricultural chemicals, or cause erosion, turbidity or sedimentation? ____

If so, explain: _____

If you answered yes or you are unsure of your answer, contact your local Regional Water Quality Control Board for the following information (See attachment for address and telephone number):

Will a waste discharge permit be required for your project? NO.

Person contacted _____ Date of contact _____

What method of treatment and disposal will be used? _____

6. Have any archeological reports been prepared on this project, or will you be preparing an archeological report to satisfy another public agency? NONE.

Do you know of any archeological or historic sites located within the general project area? NONE. If so, explain: _____

Literature source: Mayer, K.E., and W.F. Laudenslayer, Jr., (eds). 1988. A Guide to Wildlife Habitats of California. California Department of Forestry and Fire Protection, Sacramento. 166 pp. (Note: You may view a copy of this document at our public counter at the address given at the top of this form or you may purchase a copy by calling the California Department of Fish and Game, Wildlife Habitat Relationships (WHR) Program, at 916/653-7203)

9. Provide below an estimate of the type, number, and size (trunk/stem diameter at chest height) of trees and large shrubs that are planned to be removed or destroyed due to construction and operation of your project. Consider all aspects of your project, including diversion structures, water distribution and use facilities, and changes in the places of use due to additional water development.

NO TREES OR SHRUBS ARE GOING TO BE DESTROYED.

FISH AND WILDLIFE CONCERNS

10. Identify the typical species of fish which occur in the source(s) from which you propose to divert water and discuss whether or not any of these fish species or their habitat has been or would be affected by your project (Note: See footnote denoted by * under Question 11 below):

THE SPECIES OF FISH THAT OCCUR IN THE RUSSIAN RIVER ARE STEELHEAD, COHO SALMON AND KING SALMON.

CERTIFICATION

I hereby certify that the statements I have furnished above and in the attached exhibits are complete to the best of my ability, and that the facts, statements, and information presented are true and correct to the best of my knowledge.

Date 5-29-01 Signature _____

TOTAL REVENUE, CUBIC FOOTAGE, AND KWH HOURS
2000

MONTH	CUBIC FEET PUMPED DOMESTIC	IRRIG.	TOTAL OF PUMPED
JAN.	953900	300	954200
FEB.	890900	300	891200
MARCH	843300	300	843600
APRIL	1693000	42000	1735000
MAY	2005000	21200	2026200
JUNE	3412900	138100	3551000
JULY	4040100	356600	4396700
AUG.	4290000	374400	4664400
SEPT.	3485400	282300	3767700
OCT.	2758200	151200	2909400
NOV.	1312400	2500	1314900
DEC.	930600	2500	933100
TOTALS	26615700	1371700	27987400
	↓	↓	↓
	611.01 A.F.	31.489 A.F.	642.458 A.F.

SUMMARY OF WATER USAGE - CURRENT & TO THE YEAR 2020

Current Water use for the Year 2000 in acre feet

Domestic	Agricultural
611.01	31.489

Current water use is 255 gallons per household per day. All other use is outside.

Projected Water needs to year 2020, in acre feet.

Low Growth	Med. Growth	High Growth
865	1028	1220
1.2% growth rate	1.7% growth rate	2.2% growth rate